CATEGORY 3, PROBLEM 1

Comparison of solutions - Wang et al

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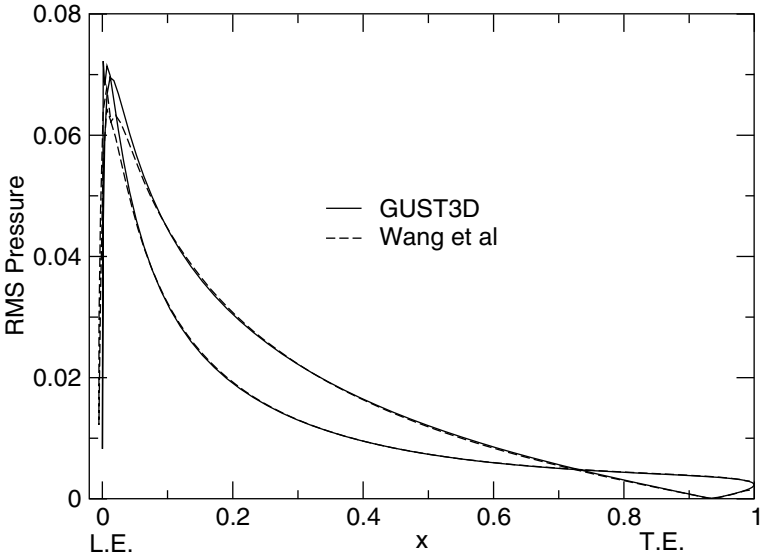

Figure 1 Comparison of RMS pressure on airfoil surface, Case 1, k1=k2=0.1

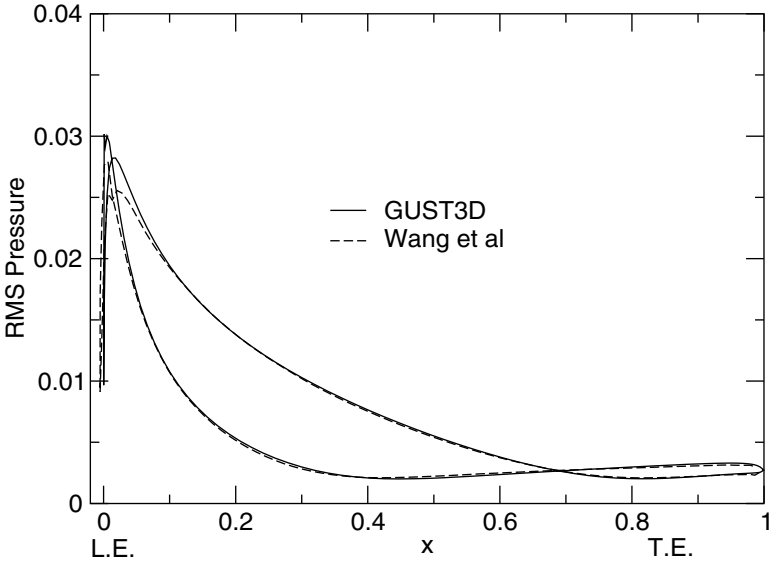

Figure 2 Comparison of RMS pressure on airfoil surface, Case 1, k1=k2=1.0

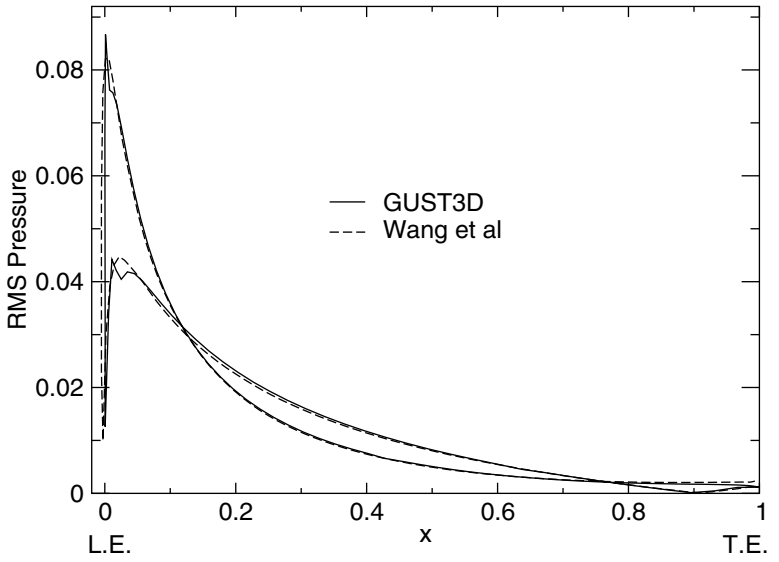

Figure 3 Comparison of RMS pressure on airfoil surface, Case 2, k1=k2=0.1

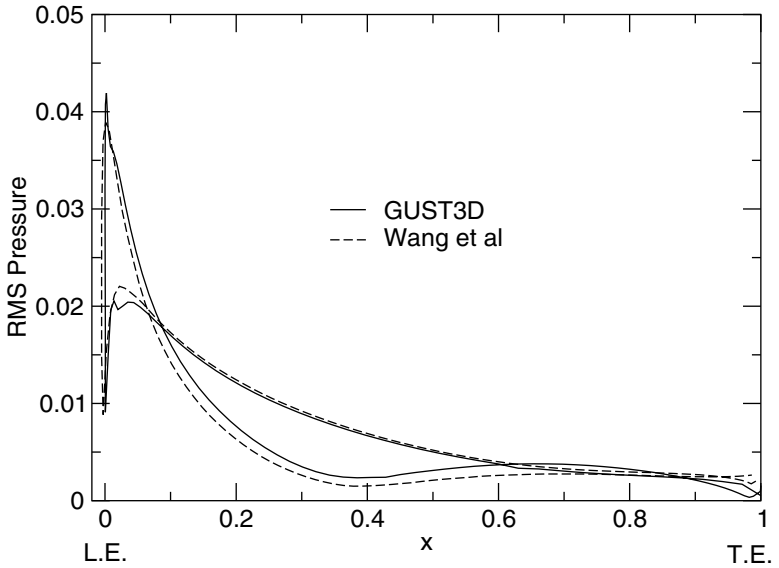

Figure 4 Comparison of RMS pressure on airfoil surface, Case 2, k1=k2=1.0

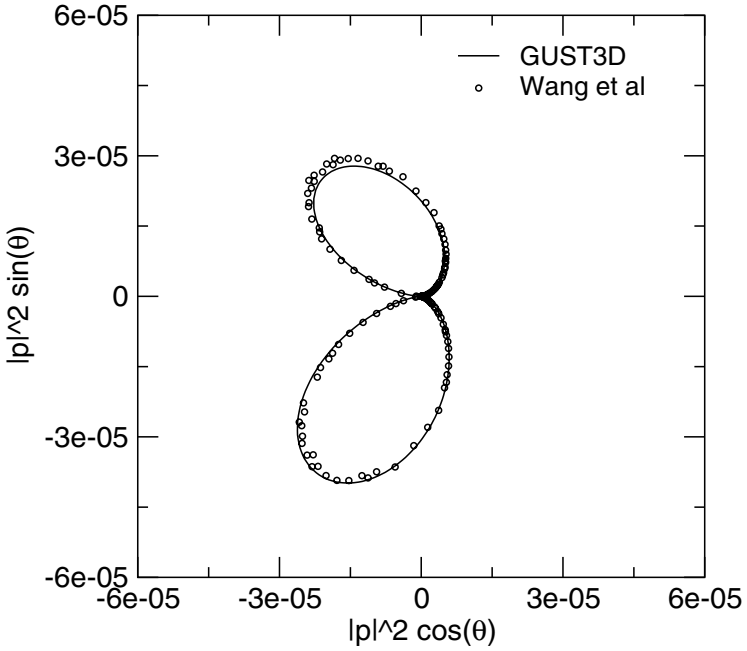

Figure 5.a Comparison of acoustic intensity on circle R = 1 C, Case 1, k1 = k2 = 0.1.

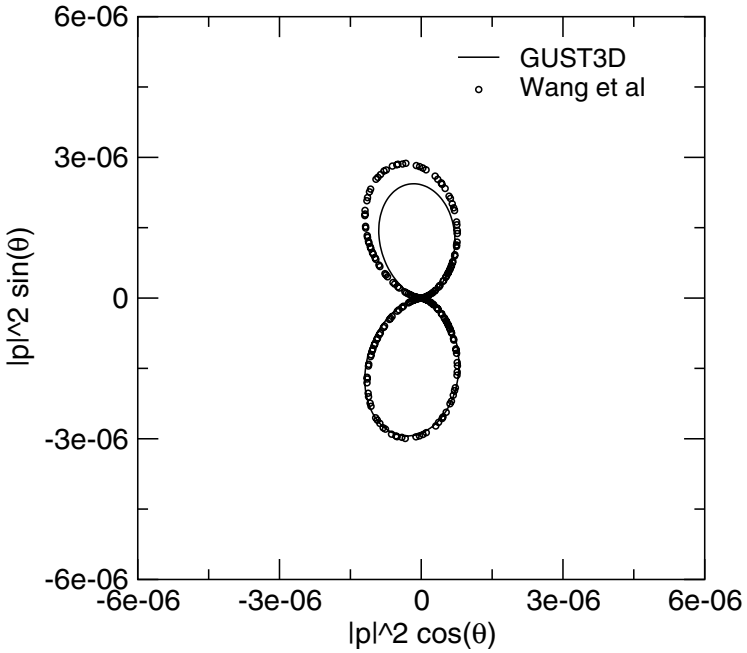

Figure 5.b Comparison of acoustic intensity on circle R = 4 C, Case 1, k1 = k2 = 0.1.

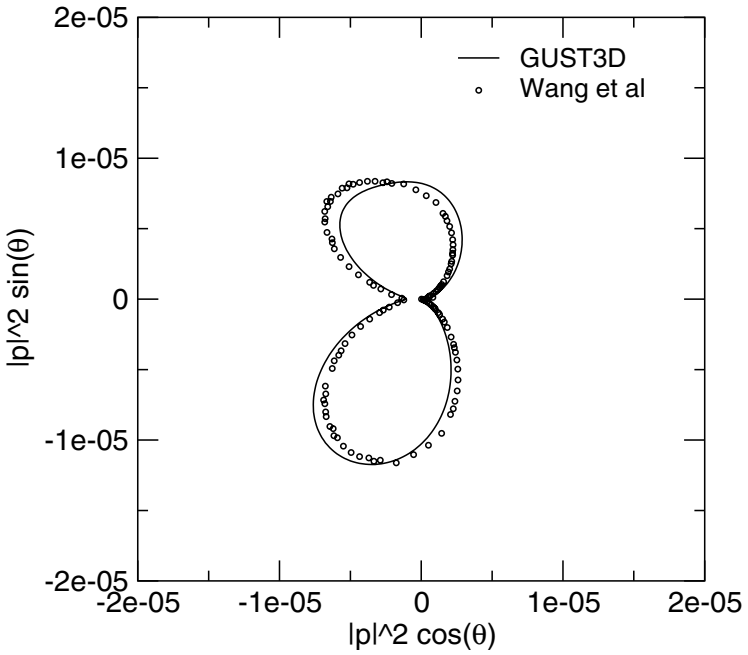

Figure 6.a Comparison of acoustic intensity on circle R = 1 C, Case 1, k1 = k2 = 1.0.

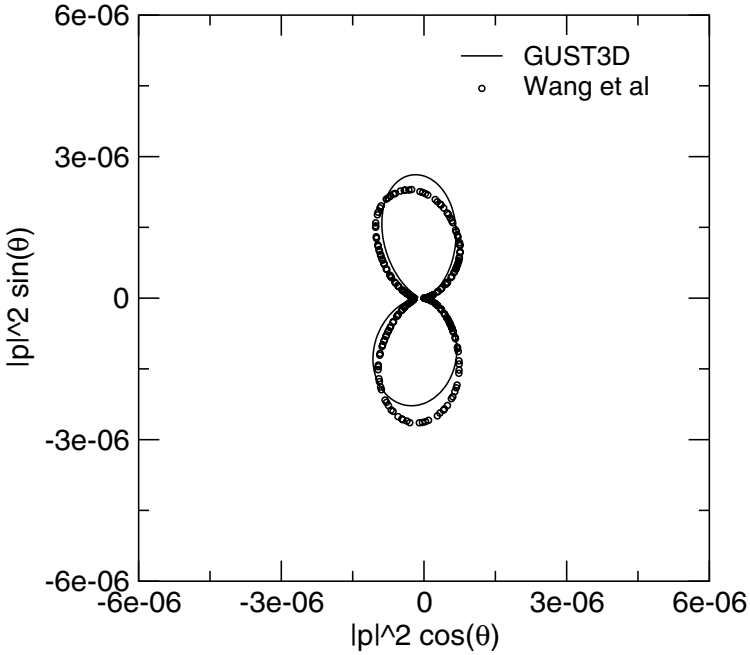

Figure 6.b Comparison of acoustic intensity on circle R = 4 C, Case 1, k1 = k2 = 1.0.

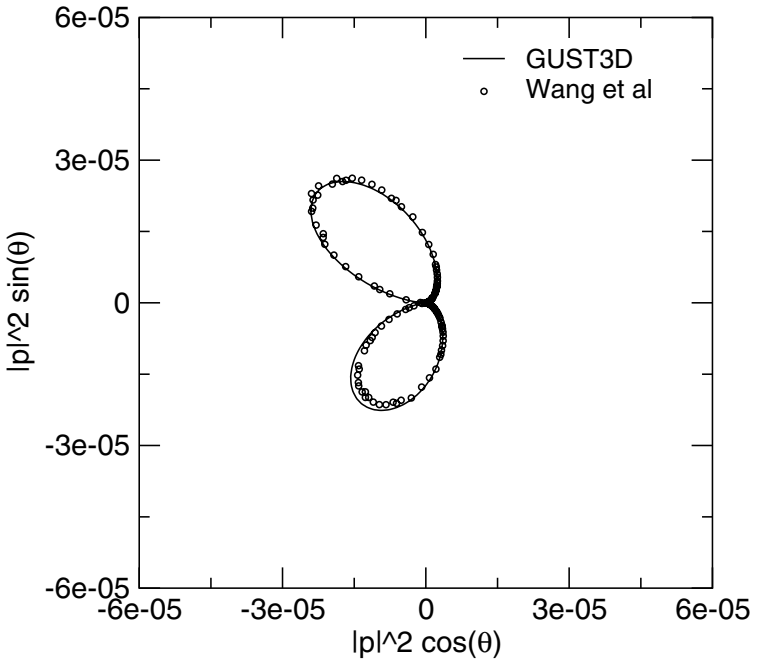

Figure 7.a Comparison of acoustic intensity on circle R = 1 C, Case 2, k1 = k2 = 0.1.

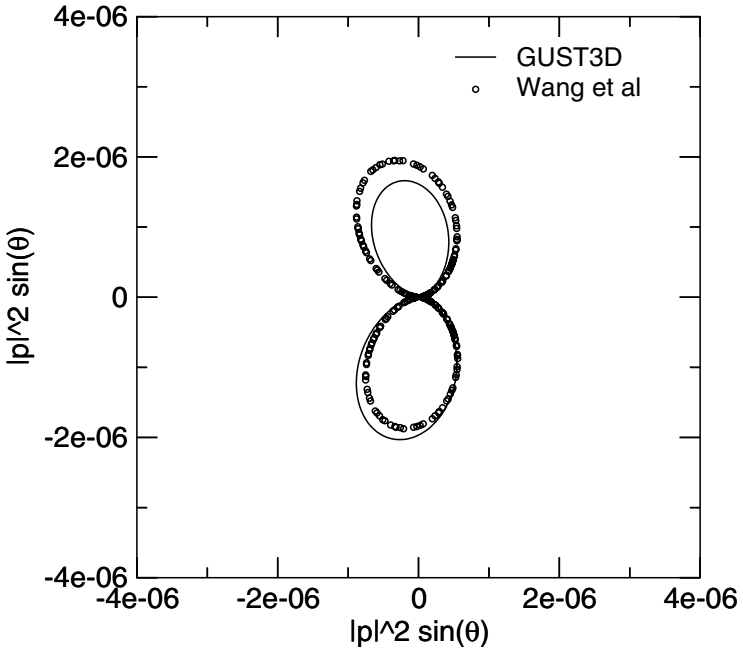

Figure 7.b Comparison of acoustic intensity on circle R = 4 C, Case 2, k1 = k2 = 0.1.

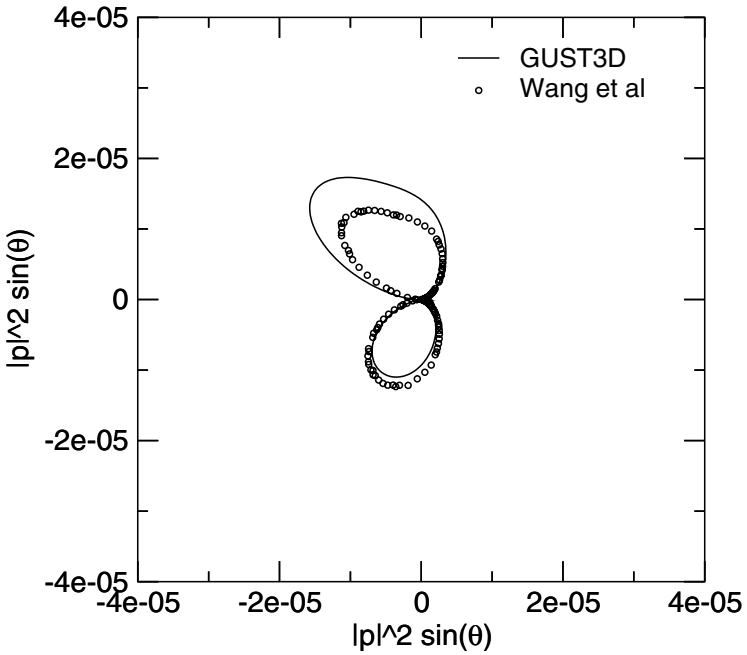

Figure 8.a Comparison of acoustic intensity on circle R = 1 C, Case 2, k1 = k2 = 1.0.

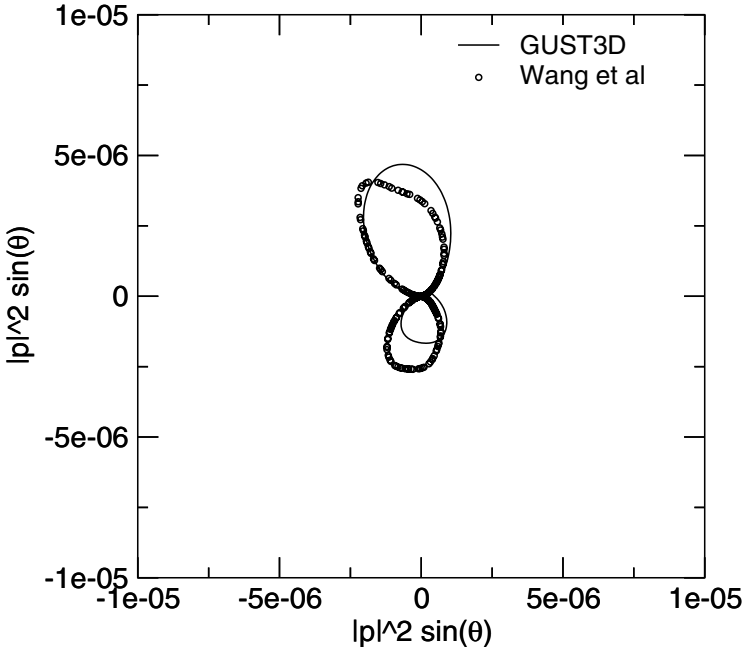

Figure 8.b Comparison of acoustic intensity on circle R = 4 C, Case 2, k1 = k2 = 1.0.

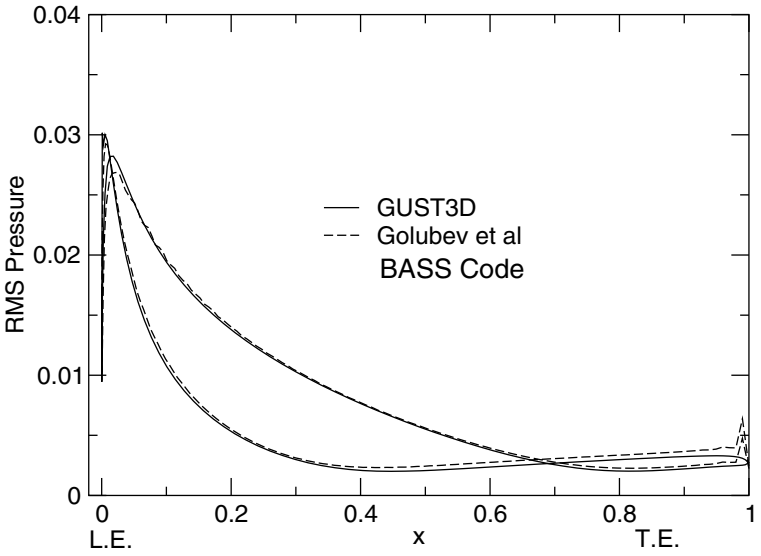

Figure 1 Comparison of RMS pressure on airfoil surface, Case 1, k1=k2=1.0

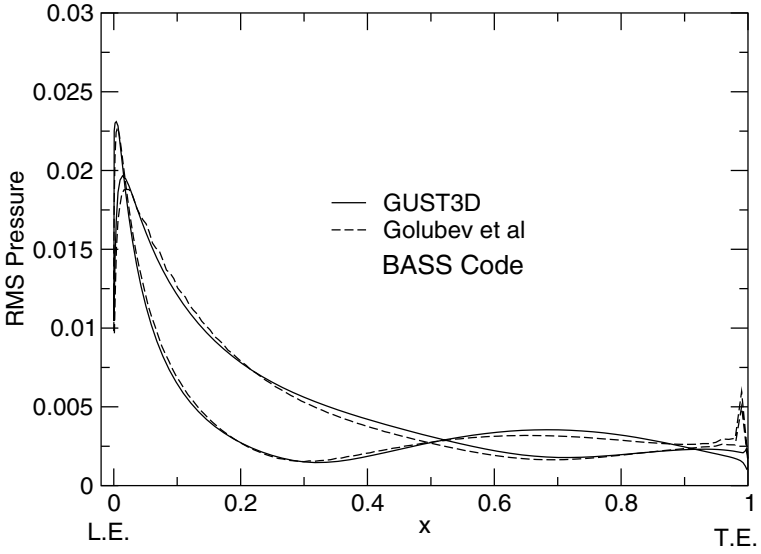

Figure 2 Comparison of RMS pressure on airfoil surface, Case 1, k1=k2=2.0

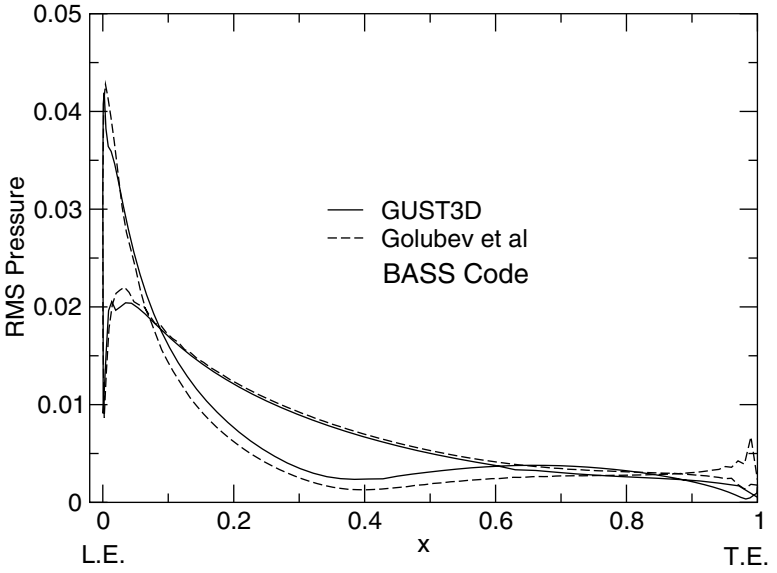

Figure 3 Comparison of RMS pressure on airfoil surface, Case 2, k1=k2=1.0

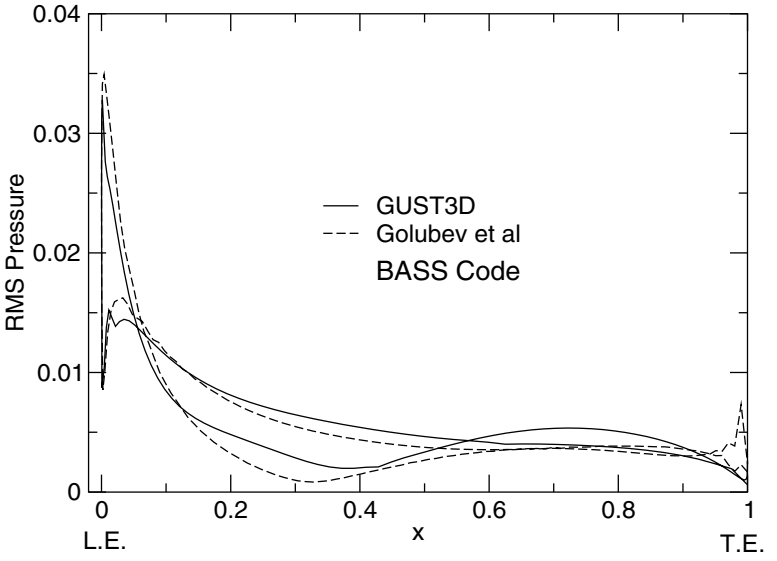

Figure 4 Comparison of RMS pressure on airfoil surface, Case 2, k1=k2=2.0

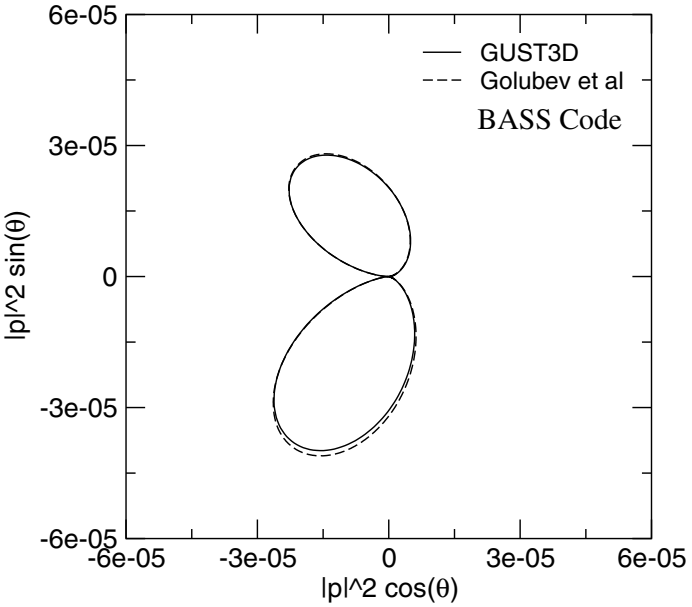

Figure 5.a Comparison of acoustic intensity on circle R = 1 C, Case 1, k1 = k2 = 0.1

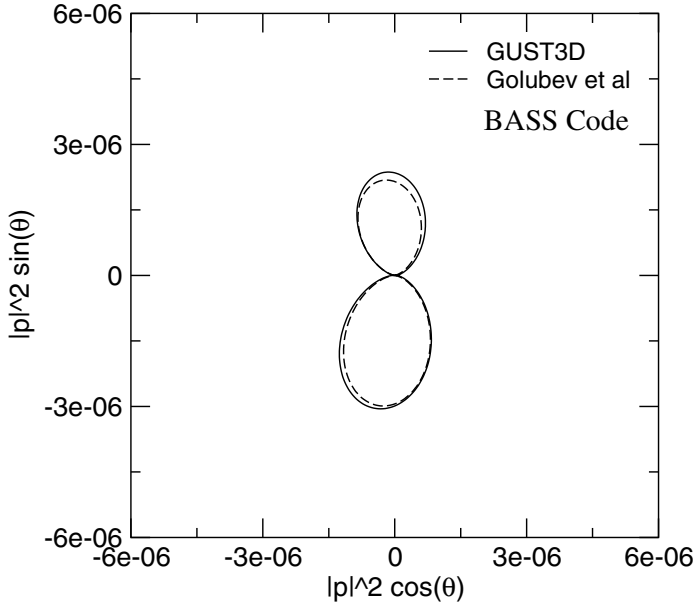

Figure 5.b Comparison of acoustic intensity on circle R = 4 C, Case 1, k1 = k2 = 0.1

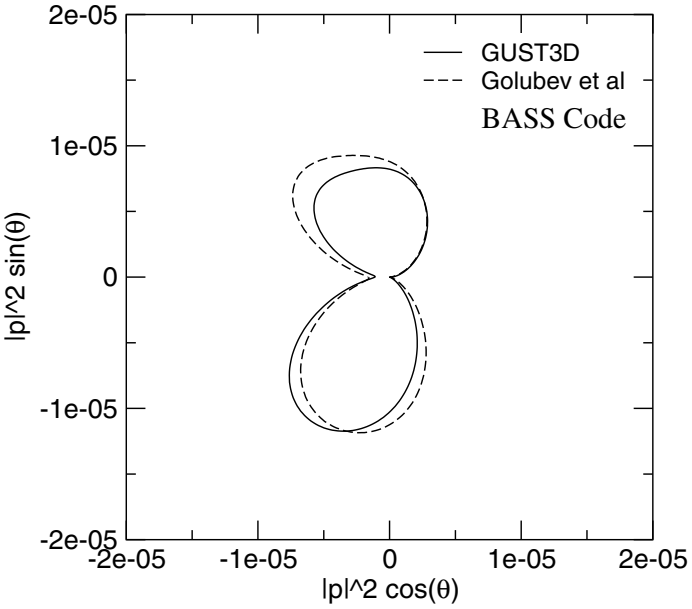

Figure 6.a Comparison of acoustic intensity on circle R = 1 C, Case 1, k1 = k2 = 1.0

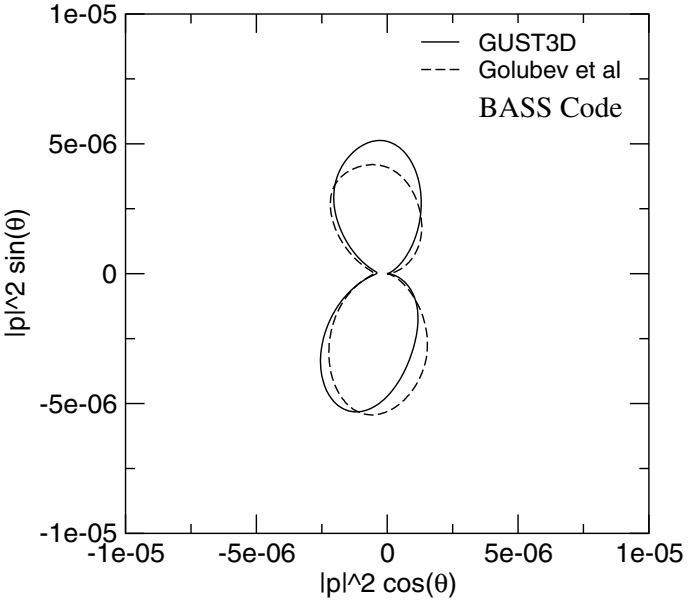

Figure 6.b Comparison of acoustic intensity on circle R = 2 C, Case 1, k1 = k2 = 1.0

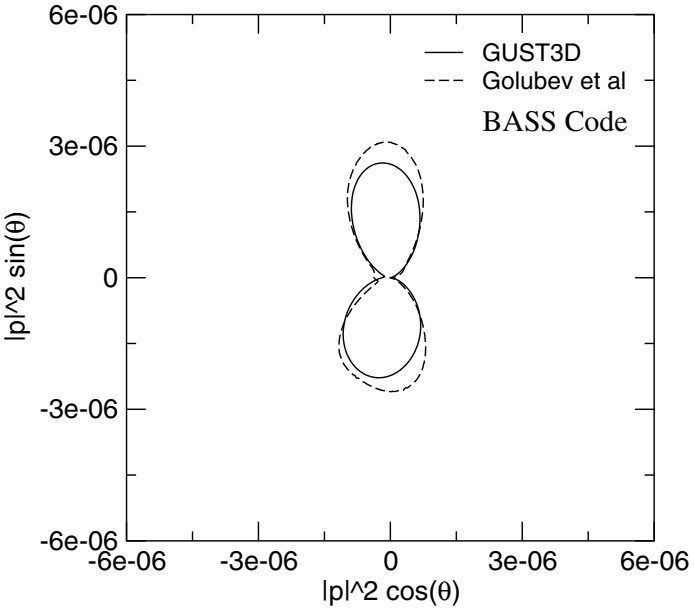

Figure 6.c Comparison of acoustic intensity on circle R = 4 C, Case 1, k1 = k2 = 1.0

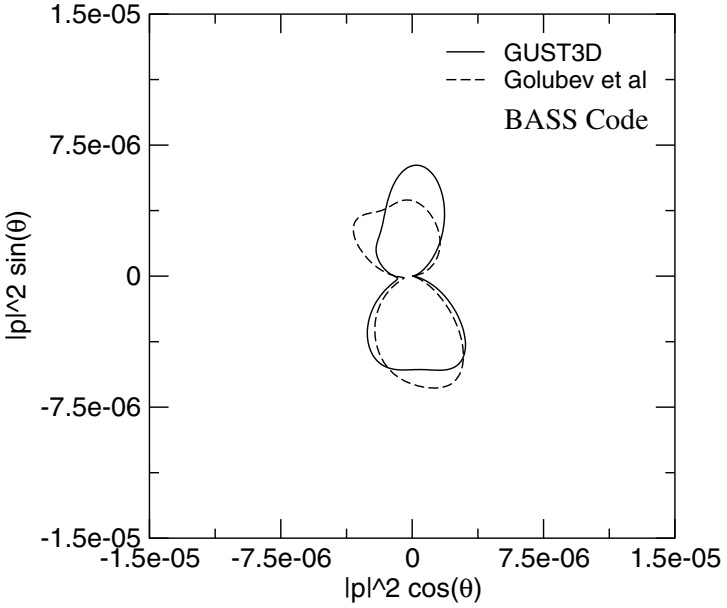

Figure 7.a Comparison of acoustic intensity on circle R = 1 C, Case 1, k1 = k2 = 2.0

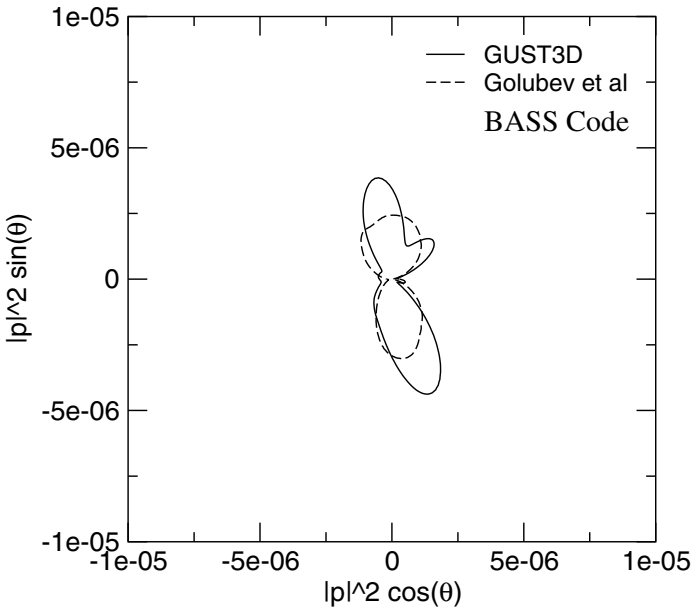

Figure 7.b Comparison of acoustic intensity on circle R = 2 C, Case 1, k1 = k2 = 2.0

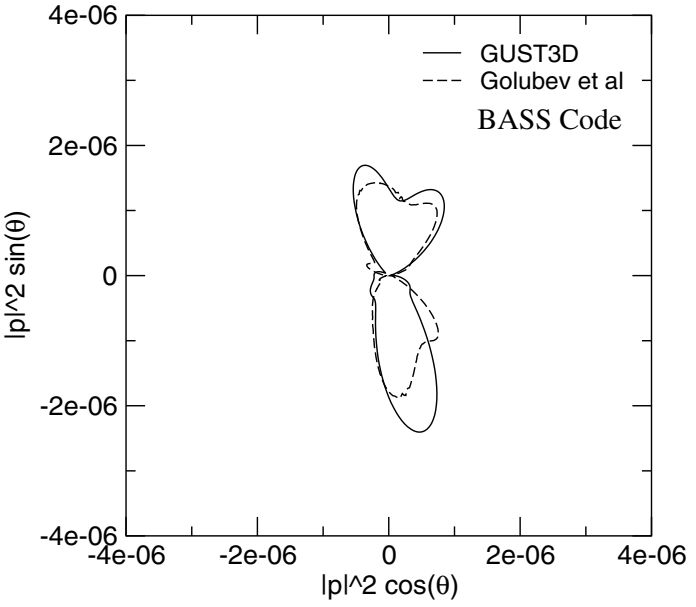

Figure 7.c Comparison of acoustic intensity on circle R = 4 C, Case 1, k1 = k2 = 2.0

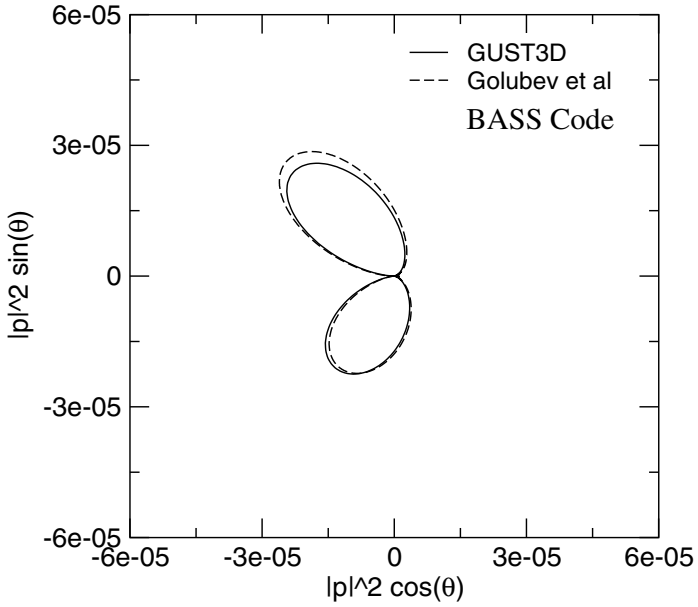

Figure 8.a Comparison of acoustic intensity on circle R = 1 C, Case 2, k1 = k2 = 0.1

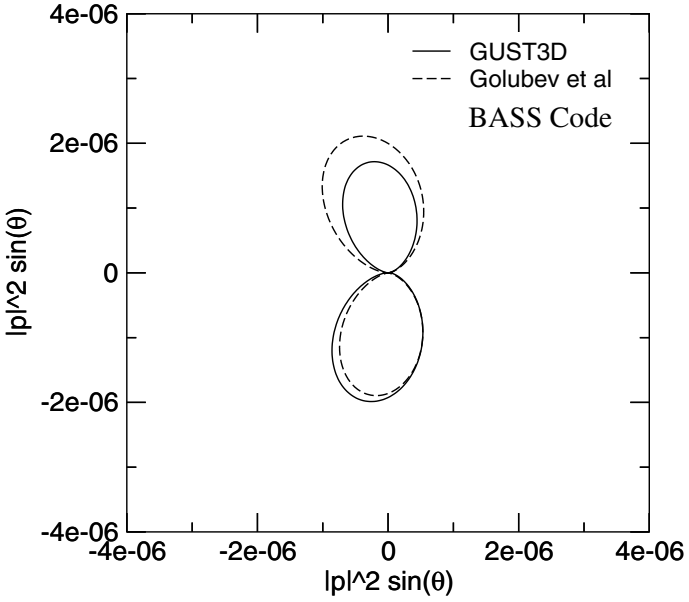

Figure 8.b Comparison of acoustic intensity on circle R = 4 C, Case 2, k1 = k2 = 0.1

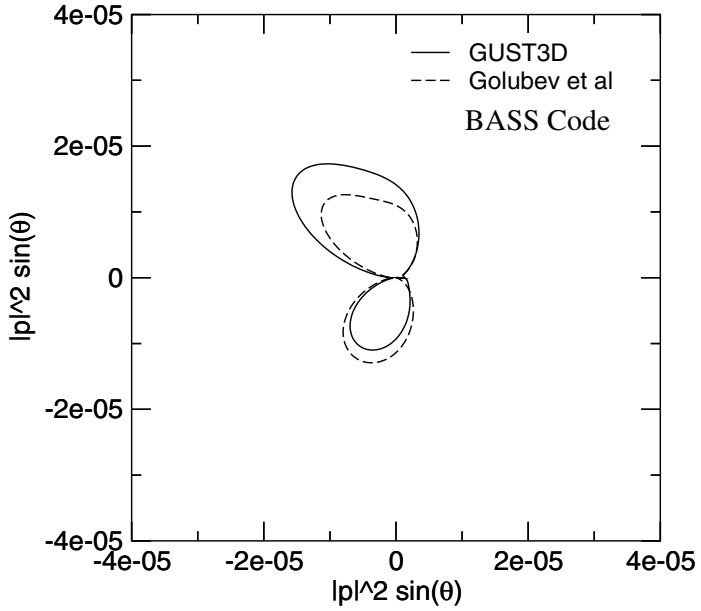

Figure 9.a Comparison of acoustic intensity on circle R = 1 C, Case 2, k1 = k2 = 1.0

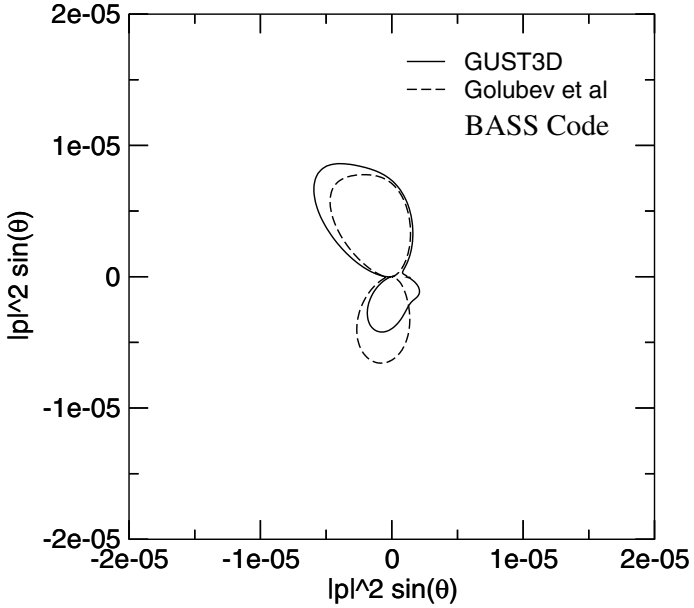

Figure 9.b Comparison of acoustic intensity on circle R = 2 C, Case 2, k1 = k2 = 1.0

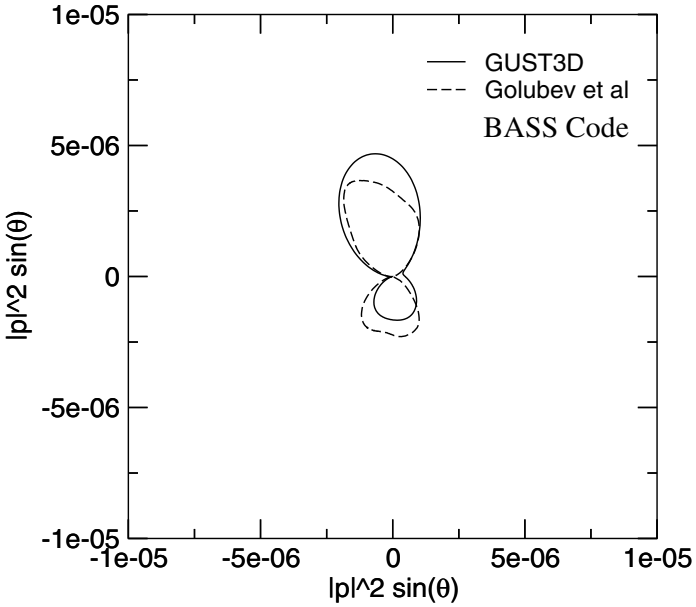

Figure 9.c Comparison of acoustic intensity on circle R = 4 C, Case 2, k1 = k2 = 1.0

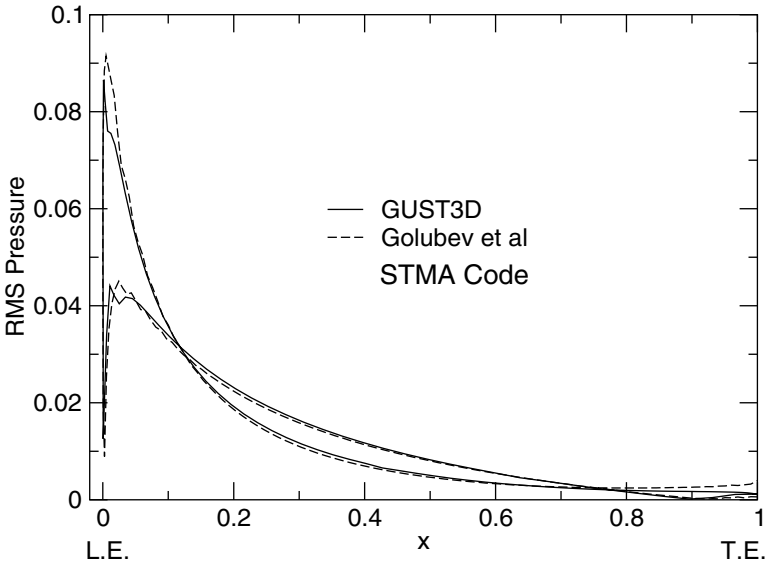

Figure 1 Comparison of RMS pressure on airfoil surface, Case 2, k1=k2=0.1

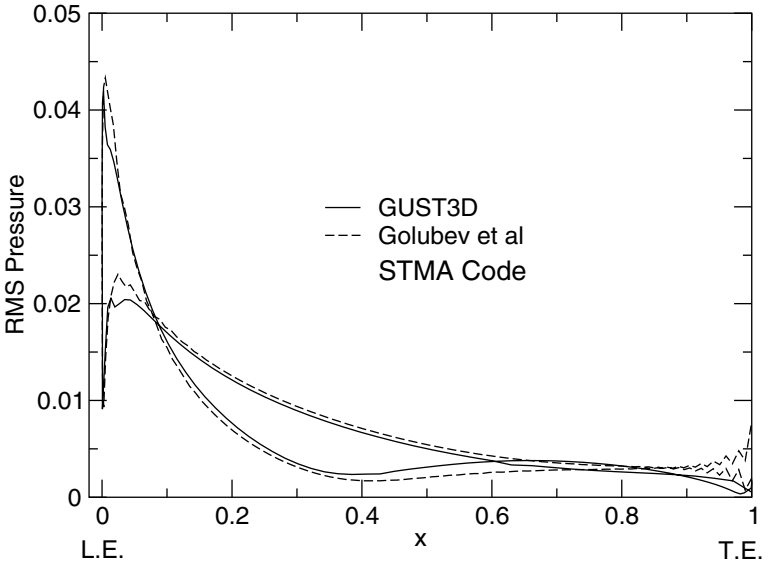

Figure 2 Comparison of RMS pressure on airfoil surface, Case 2, k1=k2=1.0

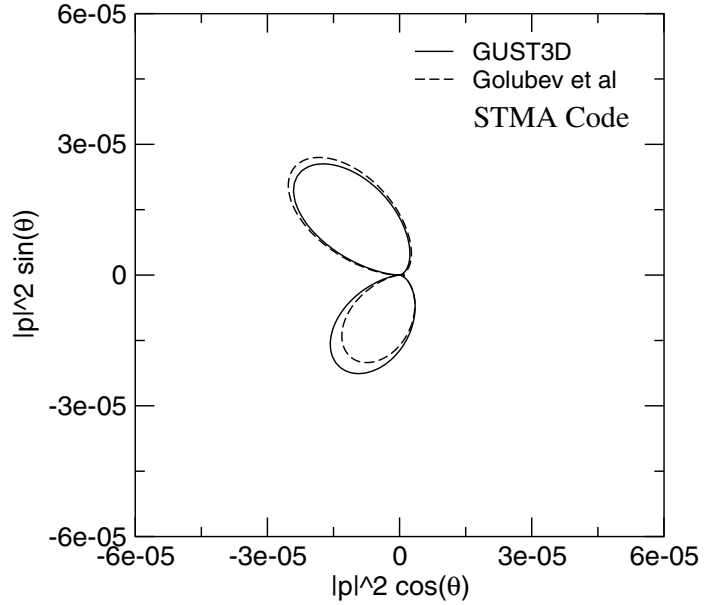

Figure 3.a Comparison of acoustic intensity on circle R = 1 C, Case 2, k1 = k2 = 0.1

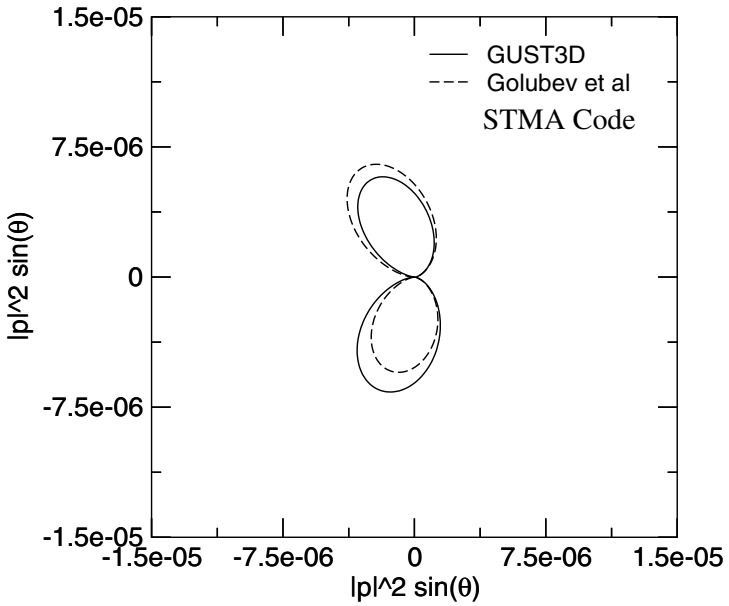

Figure 3.b Comparison of acoustic intensity on circle R = 2 C, Case 2, k1 = k2 = 0.1

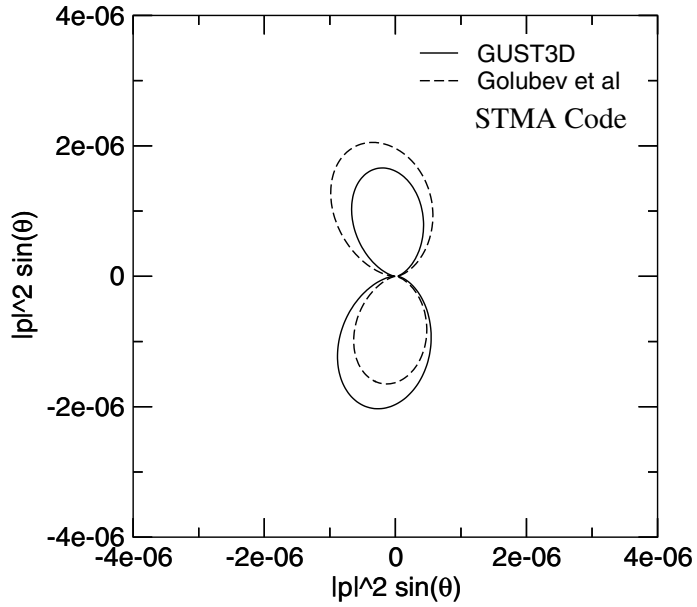

Figure 3.c Comparison of acoustic intensity on circle R = 4 C, Case 2, k1 = k2 = 0.1.

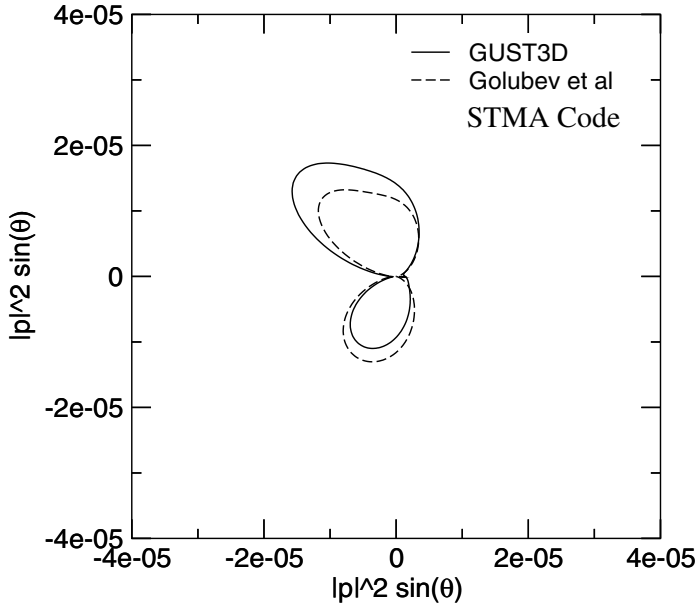

Figure 4.a Comparison of acoustic intensity on circle R = 1 C, Case 2, k1 = k2 = 1.0

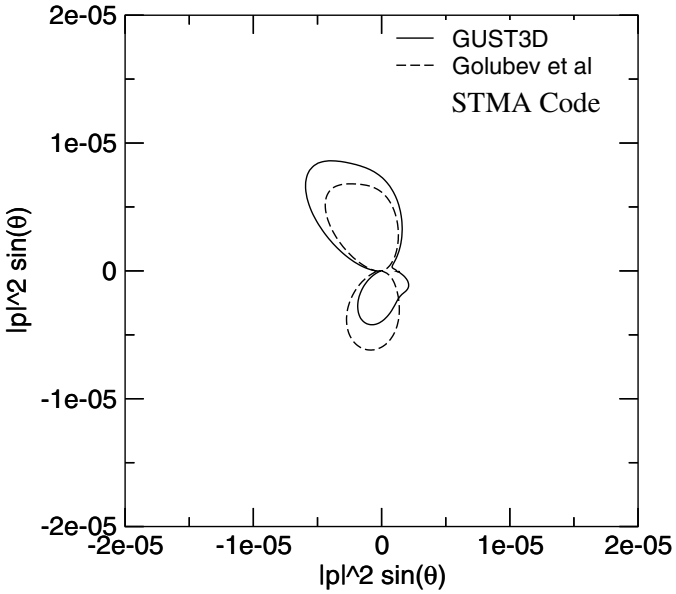

Figure 4.b Comparison of acoustic intensity on circle R = 2 C, Case 2, k1 = k2 = 1.0

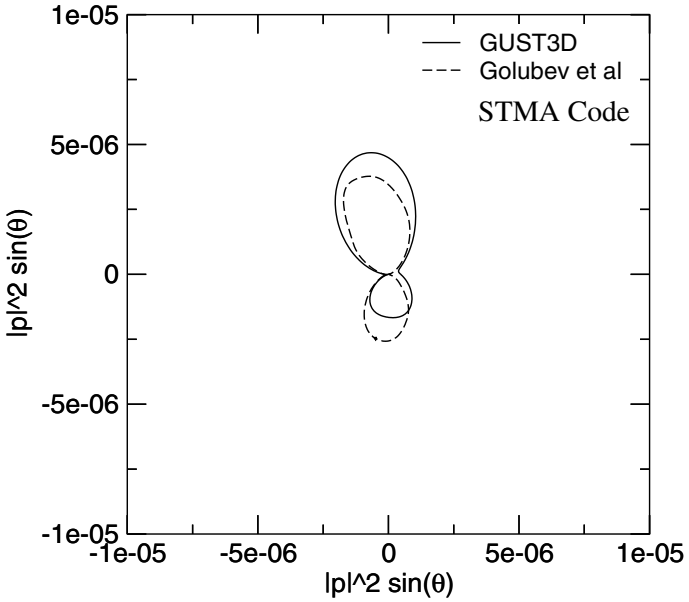

Figure 4.c Comparison of acoustic intensity on circle R = 4 C, Case 2, k1 = k2 = 1.0